Dealers stamp

MULTI 5

Telephone System

- **Installation Instructions**
- **User Guide**

CE 0560 X

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Issue 2.0

Multimessage Systems Ltd

TECHNICAL NOTES

1. This equipment has been approved pursuant to Council Decision 98/482/EC [CTR 21] for pan-European single terminal connection to the Public Switched Telephone Network (PSTN). However, due to differences between the individual PSTNs provided in different countries, the approval does not, of itself, give an unconditional assurance of successful operation on every PSTN termination point. In the event of problems, you should contact your equipment supplier in the first instance.
2. The Multimessage Systems MULTI 5 Telephone System is suitable for connection to Exchange lines which provide Multi-Frequency (MF) signalling. Multimessage Systems MULTI 5 can be used with Timed Break Recall (TBR).
3. Interconnection directly, or by way of other apparatus, of ports marked in accordance with BS 6301 or EN41003 with ports not so marked may produce hazardous conditions on the telephone network and that advice should be sought from a competent engineer before such a connection is made.
4. Interconnection circuits made to the door relay port should be such that the equipment continues to comply with the requirements of EN60950 2.3 for SELV circuits . (the voltages in a SELV circuit shall not exceed 42.4V peak or 60V dc). Advice should be sought from a competent engineer before such a connection is made.
5. The system is not suitable for use as an extension to a payphone.
6. Refer all servicing to qualified personnel or to the Multimessage Systems Customer Servicing Department at the address given on the back page of this handbook.
7. **The line cord and mains cable must be disconnected before removing the cover of the Multimessage Systems MULTI 5 Box.**

Exchange Line	MF REN of 3 (TNV3 CIRCUIT)
Extensions	MF REN of 2 (TNV3 CIRCUIT)
Door relay	30V @ 1A maximum switching capacity (SELV CIRCUIT)
Dimensions	261mm long x 102mm wide x 63mm deep (max)
Weight	0.8kg
Power Supply	220 - 240V AC 47-63 Hz
Power Consumption	15 watts maximum
Temperature	0 to 40°C working -20 to +70°C storage
Relative Humidity	0 to 95% (non-condensing)

GUARANTEE

Multimessage Systems Ltd. guarantees this product for one year from the date of purchase provided that:

- The product has only been used for its intended purpose, and has not been subjected to misuse, or been wilfully or accidentally damaged.
- The product has been installed according to the maker's Installation Instructions.
- The product has not been tampered with or repaired by anyone other than Multimessage Systems Ltd. or its approved agents.

If a fault occurs in this product within twelve months of purchase you should return it to where you bought it, together with the sales receipt, and it will then be replaced or repaired free of charge.

This guarantee does not affect your statutory rights and is applicable to the United Kingdom only.

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INTRODUCING THE MULTI 5

MULTI 5 is a small telephone system intended for use in the home, office or small business. It serves up to five internal telephone extensions from one Exchange Line. It provides both a high quality intercom between extensions, and access to the outside line from each extension, with total privacy on all calls. It consists of a compact unit which can be wall-mounted in any convenient position, its small size and smart appearance helping to blend into its surroundings. It is mains powered, and is fitted with a three-metre cable, terminating in a standard telephone plug, for connection to a BT socket.

It is simple to operate and easy to install using ordinary 2-wire telephone cable and master BT-type sockets. Extensions may be situated up to 200 metres from the central control unit.

Advanced microprocessor technology has enabled a number of special features, normally available in larger, expensive systems to be provided.

Multi 5 features

- One external and two internal calls at the same time
- Private use of exchange line
- Private intercom between extensions
- Incoming Call Intercept
- Call Hold, Enquiry and Transfer
- External Call Transfer to attended or unattended extension
- Do Not Disturb - Ringer off
- Call Barring
- Speed dial
- Distinctive Ring Routing (e.g. BT Call Sign)
- Door phone / opener ports
- Direct line (no need to dial 9)
- Disconnect clear feed through (required for some answer phones)
- Power Fail Operation on Extension 1
- No Operator Required

USING THE MULTI 5

In Case Of Difficulty

These notes should be of assistance, if you ever encounter any difficulty in using the MULTI 5.

Remember that an outside call cannot be made from a **call barred** extension (other than a 9 999 or 9 112 call) - make sure that the Call Barring settings are set to your requirements.

Be careful not to leave an outside call on hold by accident. If in doubt press **recall** to check. If public network dial tone is received, clear the system by replacing the handset.

Ensure that **call intercept** is set correctly, and not set accidentally. If in doubt dial 70 at any extension to cancel.

Ensure that **do not disturb** has not been set accidentally. Cancel by lifting and replacing the handset at the relevant extension.

Replace the handset after an outside call even if the other party clears down first and you receive dial tone.

Remember the timing features of the system:

When originating an outside call you must wait at least twenty seconds after dialling the last digit, before attempting to place a call on hold.

When an outside call is put on hold and the extension replaced, the outside call will remain on hold for up to two minutes. During this time the call can only be accessed from the original extension.

At the end of the preset time the line will be released and the system reset.
If, after investigating the above possibilities, you still cannot obtain an outside line, proceed as follows:

Switch off the mains power to the MULTI 5, and after waiting at least ten seconds switch on again. If the fault has not cleared, unplug the MULTI 5 from the Exchange line socket, and plug in the Extension 1 phone in its place.

If dial tone is still not obtained, try a second telephone. If this is unsuccessful then the line may be assumed to be faulty, and you should contact the telephone company e.g. BT.

Answering the door phone

When the door phone is activated (off hook) it causes the pre-programmed extensions to ring with the door phone ring.

To answer the door phone do the following :

- Lift handset
- Converse with the person at the door
- Replace handset

If you now wish to activate the door opener to let them in :

- Lift handset
- Dial *
- Listen for confirmation tone
- Replace handset

The door opener has now been activated for the programmed time.

Note: You can activate the door opener at any time from any extension.

Tools Required

To install the MULTI 5 system the following tools are required:

- Drill and No. 8 masonry bit
- Wire cutters and strippers
- Pozidrive screwdriver
- IDC insertion tool, if IDC telephone sockets used

Installation Items Check List

Please use the following check list to ensure that all items are available before you commence installation.

- MULTI 5 Control Box with two No. 8 roundhead screws
- Up to five **MASTER** Line Jack Sockets (for the extensions)

Please note :
The Multi 5 uses master line jack sockets for its extensions, not extension sockets. The effect of using the latter is that the phones will not ring.

- Suitable cable and clips

WARNING
Only the local telephone authority can install a Master Line Jack Socket to your external line. It is illegal for you to attempt to install or tamper with this Master Line Jack Socket.

Site and Cabling Requirements

Ensure that all of the following requirements are adhered to:

- Avoid locations that will expose the MULTI 5 to excess heat, dust, excessive humidity and especially, damp and condensation, e.g. do not install the MULTI 5 in bathrooms.
- Avoid locations that are close to other electrical equipment such as motors or switch gear.
- **Do not install extension sockets within 50mm of ac mains sockets, neither must it share ac mains wall socket boxes and must be in the same premises as the MULTI 5.**
- MULTI 5 Box **should be located within 2 metres of a 230Vac mains socket and shall be easily accessible** ,also within 3 metres of the exchange line master jack socket.
- Extension cabling must be made with single or multiple pair (PVC covered) 0.5mm diameter tinned copper wire with overall PVC sheath. Cable to BT Specification CW 1308 is recommended.
- Choose a route for the cable run that is safe from damage by feet, doors, or other hazards such as damp or condensation, cable ducting may be employed for protection or improved appearance.
- Use cable clips and secure the cable at intervals of 300mm.
- Take care to avoid kinking or other damage to the cable.
- The maximum length of cable allowed from the Distribution Box to each extension is 200 metres.
- Extension 1 **must always** be wired and connected as this is the power fail telephone. note - It is recomended that the power fail phone is capable of operating without mains power.
- At the proposed site for the MULTI 5, leave at least 20cm of spare cable for connection. Mark each cable with its extension number.
- It is recommended that extension cabling is run from the extension sockets to the MULTI 5. Multipair cable (e.g. 4-pair) is useful when more than one extension is run in the same direction from the MULTI 5.

Setting up and cancelling do not disturb

Any or all of extension 2 to 4 may be set up to Prevent ringing at that extension.

To set up Do Not Disturb.

- Lift handset at appropriate extension
- Listen for internal dial tone.
- Dial O.
- Listen for confirmation tone.
- Replace handset.

Ringing is now disabled ot that extension for both internal and external calls.

To cancel Do Not Disturb.

- Lift handset at appropriate extension.
- Replace handset.

Call pick up

It is possible to pick - up an external call ringing at a different extension by:

- Lift handset
- Listen for internal dial tone.
- Dial 6.

The call will now be connected to your extension.

Operating when mains power fails

In the event of a mains power failure, the telephone at extension 1 is connected directly to the exchange line. The line is then accessed from this extension without dialling 9. The other extensions will not function.

Setting up and cancelling priority phone (call intercept)

You can intercept all incoming calls from the public exchange at one extension by giving priority to that extension. All incoming calls will then ring the priority extension only However, if the priority extension is engaged when an incoming call arrives , then all other extensions will ring in the normal way. This function will over ride the incoming ring setting (see Setting Up The Multi 4, later in this handbook) and when cancelled, the Default setting will be restored. If priority is set on the same phone where the ring has been turned off, priority phone overrides this programming option automatically.

To set priority phone

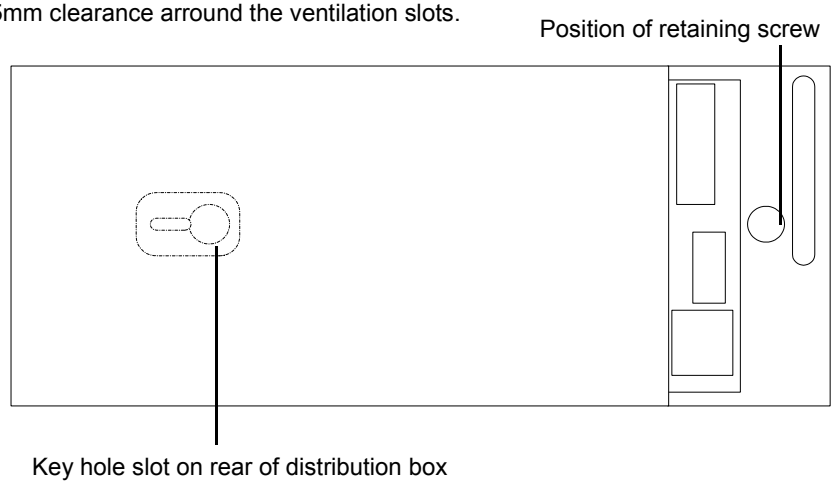
- Lift handset.
- Listen for internal dial tone.
- Dial 7 followed by own extension number
- Listen for confirmation tone.
- Replace handset.
- Your extension is now the Priority Phone

To cancel priority phone

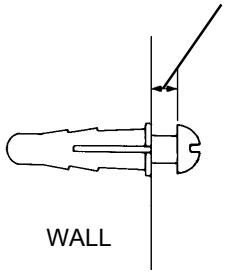
- Lift handset of any extension
- Listen for internal dial tone
- Dial 70.
- Listen for confirmation tone.
- Replace handset

Mounting The Multi 5 Box

- The Multi 5 box can be mounted horizontally or vertically on the wall, with a minimum of 75mm clearance arround the ventilation slots.



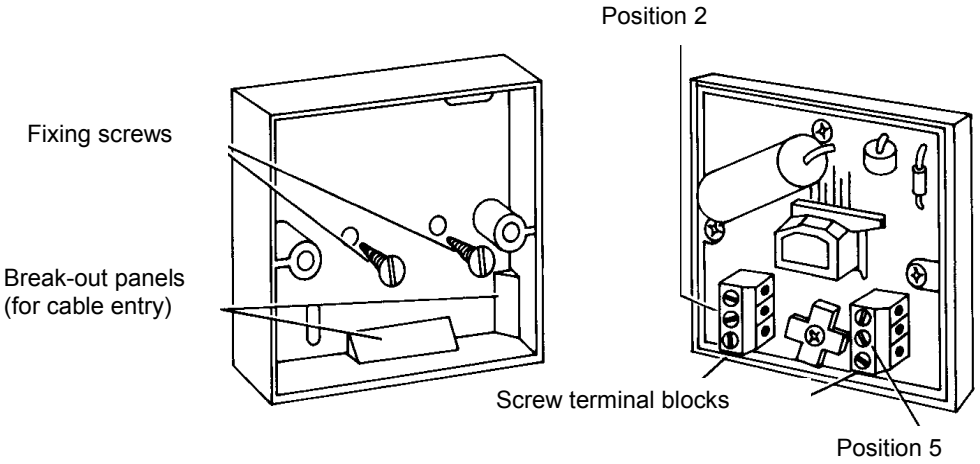
- Using the template supplied (see the centre of this handbook), locate and mark the centre position of the two fixing screws. Drill, and if necessary, plug the fixing holes.
- Screw in the roundhead screw that will fit into the keyhole slot, so that the screw head protrudes by approximately 2mm from the wall.



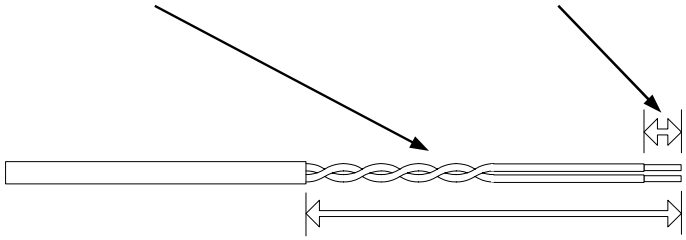
- Undo the retaining screw and remove the cover from the end of the box .
- Place the box over the screw you have placed in the wall, such that the screw drops into the keyhole slot. Slide the box, to lock into position. If necessary adjust the screw to ensure that the box is held firmly to the wall. Insert and screw the retaining screw.

Wiring Extension Sockets

- Remove the cover from the line jack socket by undoing the two holding screws.



- If necessary drill and plug the wall at the positions of the mounting holes on the back of the socket. Pierce one of the cable entry points and screw the socket to the wall using two fixing screws. Feed the cable into the socket and secure with clamp.
- Remove approximately 50mm of sheath from the cable. Bare 5mm of wire.



- Connect twisted pair to the terminal block positions 2 and 5.
- Replace and secure the cover of the line jack socket.

Transferring a call

An exchange line call can be transferred to another extension on the system.

- With the outside call established, press RECALL.
- Listen for internal dial tone.
- Dial required extension number.
- When the extension answers, replace your handset
- The transfer is now complete.

The extension to which the call has been transferred now has control of the call and can make an enquiry or transfer to a third extension. If the enquiry extension is engaged or does not answer, return to the exchange by pressing RECALL.

Making a remote transfer

When your extension is connected to an outside call, you can make a transfer to another extension (a remote extension), before the remote extension answers.

- With the outside call established, press RECALL.
- Dial the required extension number.
- Listen for ring tone.
- Replace your handset.

The dialled extension will now ring for up to two minutes after you replace your handset. If the remote extension answers within two minutes the outside call will automatically transfer to it.

If the call is not answered within two minutes then the call will "clear down" i.e. the outside caller will be cut off.

If, within two minutes, you lift the handset of your extension before the remote extension has answered, the outside call will be reconnected to your extension and the remote extension will stop ringing.

Answering an exchange line call - when all extensions are busy

When an incoming call arrives when all the extensions are busy on an internal call, a warning tone will be heard on both extension 1 and the connected extension. The tone will stop as soon as another extension answers the call. If the call remains unanswered either extension 1 or its connected extension should be used to answer it.

- Pressing hook switch once (to terminate internal call)
- Releasing hook switch
- Answer incoming call

Putting an external call on hold

An outside call, whether incoming or outgoing, can be held while an enquiry call is made or the call is transferred to another extension.

- To put the call on hold, press RECALL, once.
- To cancel hold and return to the held caller, press RECALL.

If it is an outgoing call, i.e. you originated it yourself, you must wait 20 seconds after dialling the last digit before attempting to hold the call.

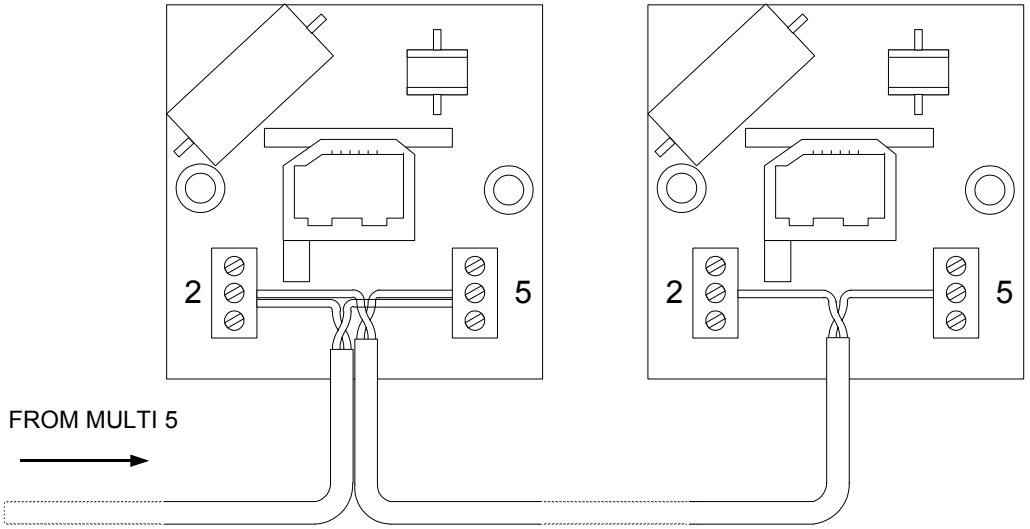
Making an enquiry call

- Press RECALL to hold the exchange line.
- Listen for internal dial tone.
- Dial the required extension.
- You will hear ringing tone or engaged tone.
- When the extension answers, make the enquiry.
- Press RECALL to cancel hold and return to exchange line caller
- If the enquiry extension is engaged or does not answer, return to the exchange line by pressing RECALL.

Wiring Two or more sockets

Two or more sockets may be wired to an extension. These extra sockets **must be Master sockets**, and not standard extension sockets.

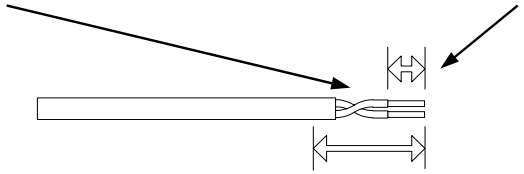
A typical example is shown below, where two sockets are connected to the same extension. The sockets should be wired in parallel ie. pin 2 of the first socket is connected to pin 2 of the second socket, and pin 5 of the first socket is connected to pin 5 of the second socket.



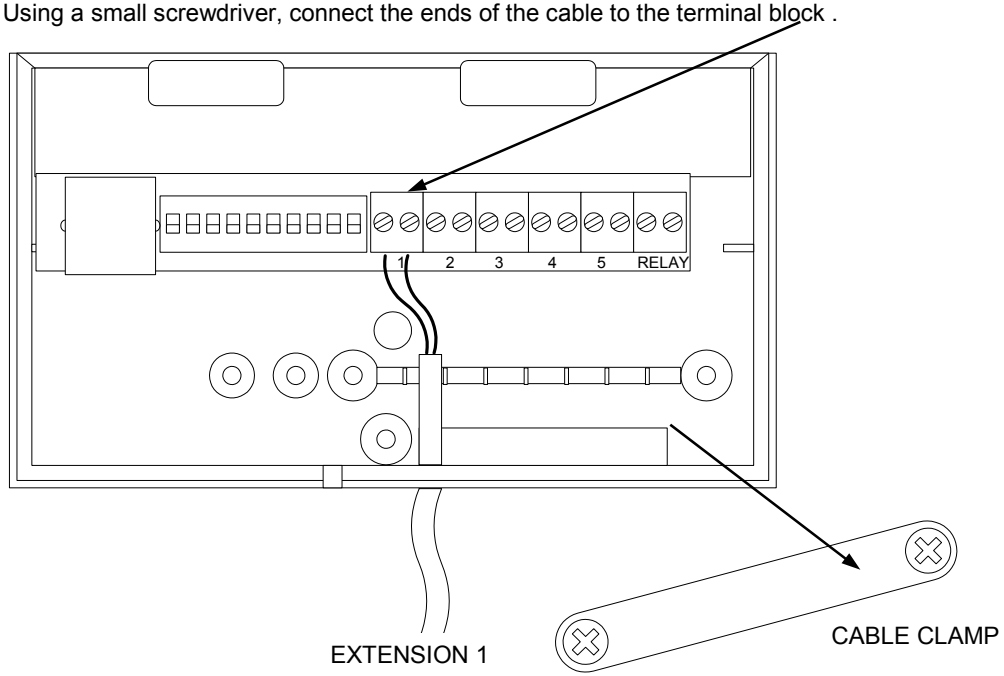
INSTALLATION

Connecting The Wires

- Unscrew the two retaining screws from the extension cable clamp and remove the clamp. Refer to the diagram below.
- Feed the extension 1 cable into the Multi 5 box through the hole in the end. Extension 1 is the power fail phone and therefore must always be wired.
- Remove approximately 15mm from the extension cable sheath and bare 5mm from the end of each wire.



- Using a small screwdriver, connect the ends of the cable to the terminal block .



- Repeat the procedure for extension cables 2 to 5.
- On completion, ensure that the extension cables slide into the retaining slots moulded in the base of the box. Refit the cable clamp.

USING THE MULTI 5

Answering an internal Call

A single ring repeated every three seconds indicates an internal call from another extension.

- Lift handset.
- Answer call.
- At end of call replace handset.

Answering an exchange line call

An incoming call from the exchange line causes all extensions to ring, unless call intercept (priority phone), do not disturb, or no incoming calls are set.

A double ring repeated every three seconds indicates an outside call.

If you can hear more than one extension, you will notice that the sounds do not coincide. The sequence Is:

Extensions 1 and 3 ring together, then extensions 2 and 4 ring together, then extension 5.

However, each individual telephone gives a double ring every three seconds, exactly as if it were connected directly to the exchange line.

The ringing sequence continues until the call is answered or the caller abandons the call attempt.

Picking up any of the extension telephones which is ringing will answer the call. If your extension is not ringing then you can answer the call by :

- Lifting the handset
- Listen for internal dial tone
- Dial 6

USING THE MULTI 5

Making an exchange line call

- Lift handset.
- Listen for internal dial tone.
- Dial 9.
- Listen for external dial tone.
- Dial required number.
- At the end of the call, or if there is no answer, replace the handset.

Emergency Calls can be made from any extension, even if "call barred". Remember to dial 9, then 999, or 9, then 112 after hearing dial tone.

Making an exchange line call using speed dial

- Lift handset.
- Listen for internal dial tone.
- Dial 8 X (X = store number 0-9,* ,#)
- At the end of the call, or if there is no answer, replace the handset.

Note: if you get NU tone returned, the speed dial store is empty.

Making an internal call

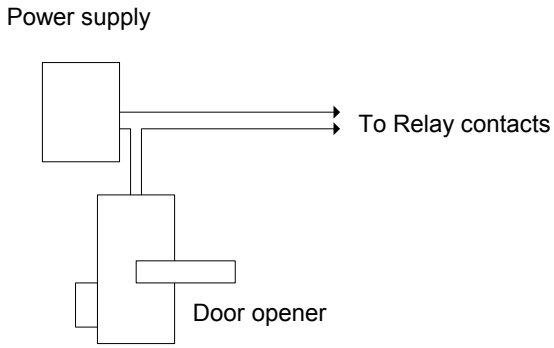
- Lift handset.
- Listen for internal dial tone.
- Dial the required extension number.The extensions are numbered 1 to 5.
- Listen for ring tone.

If the called extension is busy you will hear the engaged tone.
At the end of the call, or if there is no answer, replace the handset.

INSTALLATION

Door opener

A typical installation is shown below. Please note that the power supply for the door opener should be approved to EN60950, and that the MULTI 5 relay contacts have a maximum rating of 30V d.c. @ 1A. (i.e. a 12 or 24V power supply & door opener should be used).



Checking Out The System

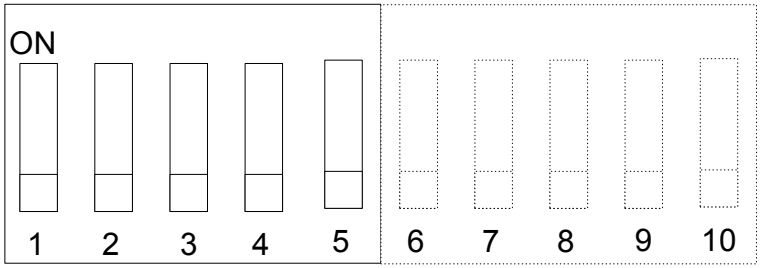
- Ensure that all the phones are operative, set to Tone and Timed break recall (usually marked as T, TB, DTMF& TBR,MF&TBR). **Please note that the Multi 5 does not support the use of phones which are PULSE, LOOP DISCONNECT (LD) or EARTH RECALL(E, ER).**
- Check there are no wiring mistakes and that all the extension phones are plugged in.
- Plug in the Multi 5 ac mains lead and switch on. **Do not** plug into the exchange line master socket yet.
- Make an internal call from one extension to another.
- Ensure that the ringer works correctly and that the speech is clear and noise free. Repeat this procedure to check all the extensions.
- Switch off the power to the Multi 5 and plug the exchange line cord into the exchange line master jack socket.
- Lift the handset at extension 1 - you should hear the public exchange dial tone. Now make an outside call to check the exchange line. Replace handset.
- Switch on the mains power again.
- Make another outside call from extension 1. This time dial **9** followed by the external number. Refer to Using the Multi 5 section of this handbook.

If a fault is found during the above, switch off the mains power, remove the exchange line cord from its socket and check that the wiring is correct.

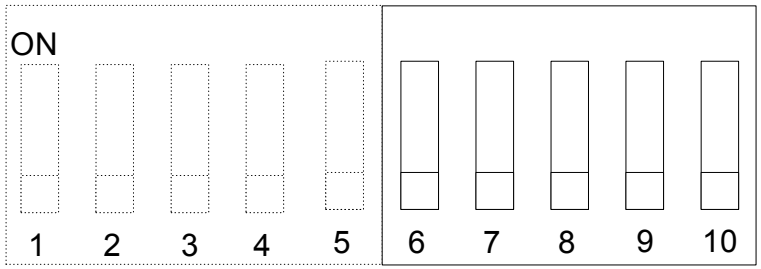
Under no circumstances must the cover of the Multi 5 be removed without first disconnecting the ac mains and the exchange line cord, and must be replaced before reconnecting the ac mains and the exchange line cord.

Programming Switches

1. Call Bar - Which prevents any outgoing calls being made from the selected call bar phone. The only outgoing calls which the call bar will allow are to the emergency services (9 999 or 9 112).



2. Turn off ring on incomng calls - If you do not require certain extensions to ring on incoming calls then the ring can be turned off via the program switches when installed. You can be override this program setting, refer to Setting Up And Cancelling Priority Phone.



Please use a suitable instrument when setting the program switches e.g a ball point pen.

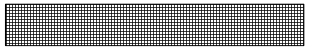
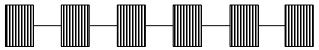
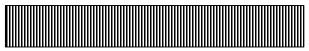
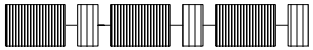
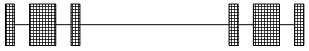
Under no circumstances must the cover of the Multi 5 be removed without first disconnecting the ac mains and the exchange line cord, and must be replaced before reconnecting the ac mains and the exchange line cord.

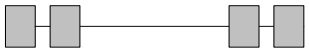
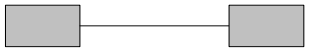
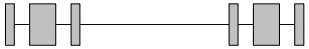
Summary of MULTI 5 facilities

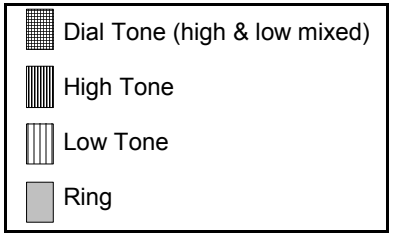
FACILITY	ACTION
Outgoing External Call	Dial 9 then external number
Outgoing External Call using speed dial	Dial 8 followed by the store number (0-9,*,#)
Internal Extension Call	Dial 1 to 5
Hold External Call	Press **recall**
Set Priority Phone	Dial 7 followed by own extension number
Clear Priority Phone	Dial 70 from any extension
Set 'Do Not Disturb'	Dial 0
Clear 'Do Not Disturb'	Lift handset and then replace
Enquiry Call to Third Party During an External Call To Return to External call: a) After enquiry b) If extension busy c) If extension unobtainable	Press **recall** to hold external Call Dial extension - make enquiry Press **recall**
Transfer External Call To Return to External Call : a) If extension busy b) If extension unobtainable	Press **recall** to hold external call dial extension - make enquiry Replace handset Press **recall**
Remote Transfer External Call Transfer will terminate after 2 minutes if no reply at extension	Press **recall** to hold external call Dial extension Listen for ring tone Press **recall** if extension busy to return to external call Otherwise replace handset Answer external call at remote extension
Activate Door opener	Lift handset then Dial ' # '
Emergency Calls	Dial 9 999 or dial 9 112

Tones And Rings Used By The Multi 5

When your telephone is connected through Multi 5 to the outside line, you will hear the usual public exchange tones for Ringing, Engaged (Busy), and Number Unobtainable. However, to enable you to control the intercom and other facilities, the Multi 5 generates the following tones of its own.

TONES	
Internal Dial Tone	
Internal Ringing Tone	
Engaged Tone	
Number Unobtainable & Error	
Confirmation Tone	
Door Phone Tone	

RINGS	
Incoming exchange call	
Internal call	
BT Ring Back	
Door Phone	



Overview

The facilities that can be programmed are as follows:

- Change pass code
- Speed dial numbers
- Speed dial only bar
- Distinctive ring
- Door phone
- Direct line
- Disconnect clear

Changing the pass code

Any four digit combination can be used. It is recommended that if the default passcode is changed then the new number is recorded and held in a secure place. If you forget your passcode then contact your dealer.

To change the standard pass code:

- Lift the handset
- Dial 79 PPPP 0 NNNN

Where PPPP is the old pass code and NNNN is the new pass code
A confidence tone is returned if your entry was successful.
The default setting is 0000.

Speed dial

12 Speed Dial numbers can be stored by the MULTI 5 for use by all extensions. Each of these can be up to 32 digits long.

To store a speed dial number, do the following :

- Lift handset
- Dial 79 PPPP 8L XX……XX
- Replace handset.

Where PPPP is the pass code (default = 0000).
L is the store number from 0 to 9, *, #
X is the speed dial number, up to 32 digits.

To clear a number, simply don't enter any digits for X.

The default is no numbers set.

e.g 79 0000 80 01707644480
This places 01707 644480 into speed dial number 80.

Speed dial only call bar

When an extension is set for call bar via the dip switches, the extension can be set to allow numbers from the speed dial directory to be dialled.

To set this option, do the following :

- Lift handset
- Dial 79 PPPP 2 X T
- Replace handset.

Where PPPP is the pass code (default = 0000).
X is 0 for all extensions
1-5 for individual extensions
T is 1 for on and 0 for off (default = off).

e.g 79 0000 2 4 1
This sets extension 4 to allow speed dial numbers to be dialled.

The Multi 5 offers the user many powerful features not available when telephones are connected through ordinary parallel extensions.
Furthermore, this has been achieved without sacrificing the incomparable economy and versatility offered by simple, standard telephones.

Because of this, your telephone keypad is called on to perform many more functions than the customer dialling of another subscribers number. The telephone now has a second function as a control panel, putting options such as intercom / outside line and hold / transfer at your fingertips.

Fortunately, the Multi 5 has been designed so that the control functions are simple to perform and easy to remember. Nevertheless, it is necessary to be a little more careful when using the Multi 5 than when using a basic telephone.
This is because wrongly or inadvertently dialled digits which normally are easily corrected merely by replacing the handset can program the Multi 5 to an undesired mode.

For instance , if you should start to dial an outside number without first dialling 9, you may accidentally set Priority or Do not Disturb. If you suspect that this has happened, you can quickly cancel these settings by raising your handset and dialling 70, as described later in this guide.

Direct line

The direct line option allows extensions 2-5 to access the line as soon as the handset is picked up (no need to dial 9 first). This may be useful for pay phones, etc.
No internal calls can be made, no programming functions can be accessed and the door phone ring will not function on the extension.

To allocate an extension for direct line option, do the following:

- Lift handset
- Dial 79 PPPP 6 X T

Where PPPP is the pass code (default = 0000)

X is extension 2-5 (0 clears)

T is 1 for direct line and 0 for normal

A confidence tone is returned if your entry was successful

Note: extension 1 cannot be set to prevent the system being locked out from programming if all extensions were programmed with this option.

Disconnect clear

Disconnect clear (if your line has this facility) is a signal sent from the line when the caller has hung up. The Multi 5 can detect this signal and can force the extension to hang up for 2 seconds.
This may be useful for some answer phones which would otherwise carry on recording either silence or dial tone for five or six seconds.

To enable disconnect clear, do the following:

- Lift handset
- Dial 79 PPPP 7 X

Where PPPP is the pass code (default = 0000)

X is 1 for on and 0 for off

Distinctive ring

Distinctive ring is a network service provided in the UK by BT, at present there are two types available, 'Ring back when free' and 'Call sign'.

Ring back when free is a service that when you make a call and the number is busy, you can dial 5, hang up and when the number becomes free you are called back with a different ring. The ring is three short bursts then a period of silence.
When distinctive ring detection is turned on, the same ring will be passed back to the Multi 5 extensions (if they have been set to receive standard calls).

Call sign is a service that provides you with an alternate telephone number, when this number is called a different type of ring is sent to your line. The Multi 5 distinguishes this ring from the standard one, then sends the call to a particular extension (s) as if it were a normal call without the other extensions ringing. This can have many uses, such as a separate number for your fax, business or children without disturbing the rest of the household or small business.

To program the distinctive ring options, do the following :

- Lift handset
- Dial 79 PPPP 1 X T

Where PPPP is the pass code (default = 0000)

X is 0-5 for setting which extension rings (0 = all)
6 for 'allow priority' option
7 for 'allow ring others if busy' option
8 for distinctive ring detection on/off

T is 1 for on
0 for off

A confidence tone is returned if your entry was successful.

The 'allow priority' option determines whether or not the priority function can intercept a call to the alternate number.

The 'allow ring others if busy' option determines whether or not other extensions not set to receive alternate number calls can ring, if the extension is busy.

Note: the dip switch settings for ring only control the standard call ring, if you only want an extension to ring on the alternate number only, the standard ring must be turned off on the dip switch. Otherwise the extension will ring for both types of calls.

Examples

To only set the 'Ring back when free' feed through, program the following:

79 0000 1 8 1 turns on the distinctive ring detection

To set extension 5 for a fax machine on the alternate number, program the following:

79 0000 1 5 1 sets extension 5 to the alternate number

79 0000 1 8 1 turns on the distinctive ring detection

set dip switch 10 to prevent ringing on the standard number

To set extension 3 for children's bedroom on the alternate number, program the following:

79 0000 1 3 1 sets extension 3 to the alternate number

79 0000 1 8 1 turns on the distinctive ring detection

79 0000 1 6 1 allows priority (optional)

79 0000 1 7 1 ring others if busy (optional)

set dip switch 8 to prevent ringing on the standard number

Note: The call bar dip switch may also be set to prevent outgoing calls, recommended in this example.

Door Phone

A door entry phone may be connected to any extension between 2 and 5. When the door phone goes off hook it rings the designated extensions with a different ring. This can be answered and if required activate the door opener after talking to the person at the door phone.

To allocate an extension as a door phone or set the type, do the following:

- Lift handset
- Dial 79 PPPP 4 X

Where PPPP is the pass code (default = 0000)

X sets extension 2-5 (0 clears), or
X is 6 for a standard telephone type i.e. a reception phone
or 7 for the MMS door entry phone (generates disconnect clear)

A confidence tone is returned if your entry was successful
Note: extension 1 cannot be set as this is the power fail extension.

To allocate which extensions are to be rung, do the following:

- Lift handset
- Dial 79 PPPP 5 X T

Where PPPP is the pass code (default = 0000)

X is extension 1-5 (0 = all)

T is 1 for ring and 0 for no ring

A confidence tone is returned if your entry was successful

To set the maximum time the phones will ring, do the following:

- Lift handset
- Dial 79 PPPP 9 X

Where PPPP is the pass code (default = 0000)

X is time 1-9 which sets 10-90 seconds (default 30 seconds)

A confidence tone is returned if your entry was successful